

Abstract

The present invention is directed to a stand alone integrated mattress. The system has a self-contained mattress unit, at least one inflatable bladder, at least one fluid source, at least one dispersion unit and at least one control unit. The self-contained mattress unit has at least a head section and a foot section, and is capable of converting from a horizontal position or an inclined position to a chair-like conformation. There is at least one inflatable bladder in each section of the self-contained mattress unit. There is also at least fluid source. In addition there is at least one dispersion unit in each section and each dispersion unit provides a fluid, obtained from the fluid source, to a conduit which directs the fluid into the inflatable bladder positioned in the section of the dispersion unit. The control system is positioned in one of the sections and interconnected to each dispersion unit to control the dispersion of the fluid to the inflatable bladders in each section.